

0048447

Meeting Minutes Transmittal

324 REC/HLV  
Project Managers' Meeting  
2440 Stevens Center Place, Room 2200  
Richland, Washington

September 11, 1997  
1:30 p.m. to 2:30 p.m.



The undersigned indicate by their signatures that these meetings minutes reflect the actual occurrences of the above dated Unit Managers Meeting.

*R. X. Gonzalez*  
R. X. Gonzalez, Project Manager, RL

Date: 11/6/97

*Jeanne J. Wallace*  
J. J. Wallace, Project Manager, Washington State Department of Ecology

Date: 11/6/97

324 REC/HLV Closure Plan, BWHC Concurrence

*David E. Rasmussen*  
D. E. Rasmussen, Contractor Representative, BWHC

Date: 11/06/97

Purpose: Discuss Permitting Process

Meeting Minutes are attached. The minutes are comprised of the following:

- Attachment 1 - Agenda
- Attachment 2 - Summary of Discussion and Commitments/Agreements
- Attachment 3 - Attendance List
- Attachment 4 - DRAFT REC Closure Plan and 324/327 Deactivation Project  
Management Plan (PMP) Crosswalk
- Attachment 5 - DRAFT PMP Activities

Attachment 1

324 REC/HLV  
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Agenda

1. Sign Previous Meeting Minutes
2. 324 REC/HLV Closure Plan Status
3. B-Cell Cleanout Project Status
  - a. Budget
  - b. Equipment
4. HLV Removal Project Status
  - a. Sample Analysis
  - b. Waste Removal
5. Action Item Review
  - a. Disposition of the split sample taken from Tank 112.
6. Other Topics/general discussion
  - a. 324 Deactivation/Transition Project Management Plan (PMP)
  - b. 324 Endpoint Criteria Document
  - c. Silver List Issues Item Resolution
  - d. 340 Facility status/plans update
  - e. 324/327 Facility transition progress/highlights
7. Schedule next meeting

## Attachment 2

324 REC/HLV  
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### Summary of Discussion and Commitments/Agreements

#### 1. Signing Previous Meeting Minutes

The August 1997 minutes will be routed for approval and signed at a later date.

#### 2. 324 REC/HLV Closure Plan Status

J. Wallace (Ecology) stated that her review would be completed by the end of September 1997.

#### 3. B-Cell Cleanout Project Status

##### a. Budget

R. Millikin (BWHC) distributed a handout and provided a status of the B-Cell cleanout. New facilities have been inherited, resulting in a budgetary shortfall, mostly in the B-Cell project. Funds for Fiscal Year 1997 (FY97) critical path items were obtained from DOE headquarters. Some of the noncritical path items were moved beyond the Tri-Party Agreement (TPA) date. Tentative FY98 funding of 12 million should be sufficient to meet the scheduled TPA activities.

##### b. Equipment

J. Carlson (BWHC) summarized the progress of activities. All 1A rack jumpers in the air lock have been removed. Four jumpers between the 1A and 1B rack have been removed. Efforts began to size reduce the plasma arc torch, but work was terminated because a full-fledged fire hazard analysis for 324 was not performed by Flour Daniel this year. Until the Safety Analysis Report is revised to address unreviewed safety issues, no hot work, grinding, cutting, welding, etc., can be performed. However, preparatory work will continue inside of B-Cell, such as pulling the 1A rack.

A video was shown of the partial load-out of glass logs from A-Cell.

#### 4. HLV Removal Project Status

a. Sample Analysis

A question regarding sampling was discussed. J. Bartz (Ecology) inquired about requested verification that no extraction was performed on the liquid sample. The parties agreed to pursue the issue outside the meeting. An action item was established for J. Bartz and S. Johansen (Dames & Moore) to verify whether or not an extraction was done, and to provide clarification information.

b. Waste Removal

This item was discussed during the August 1997 meeting (removal of the metal filters), and will be removed from the agenda.

5. Action Item Review

a. Disposition of the split sample taken from Tank 112.

D. Rasmussen stated that this action item will be addressed when questions about holding times are resolved.

6. Other Topics/general discussion

a. 324 Deactivation/Transition Project Management Plan (PMP)

D. Rasmussen stated the PMP is still in a review cycle with RL and that a draft was given to Ecology in August 1997.

b. 324 Endpoint Criteria Document

This document is also being reviewed by RL.

c. Silver List Issues Item Resolution

These issues were discussed during the 300 Area BWHC meeting.

d. 340 Facility status/plans update

D. Rasmussen stated that BWHC is continuing to work with the 340 Facility on various engineering studies on how to plan for and manage waste water that will be produced during facility deactivation and clean-out. R. Millikin (BWHC) stated that the current plan is to not ship anything from the 340 Facility, and to develop a load-out capability within the 324 Facility. Funding is available in FY98 for design and implementation of upgrades in 324.

e. 324/327 Facility transition progress/highlights

The video of the FRG logs was part of this agenda item. R. Miliken stated that the logs should all be shipped to the Central Waste Complex by the first week of October 1998.

R. Miliken addressed other PA projects. Some pin tubes of field fragments were removed from the 327 basins. The pin tubes have been loaded into transfer casks and are in the process of being shipped to the 200 Area RH-TRU pads in the Central Waste Complex and should be completed by September 19, 1997. The cesium capsules were removed from the 327 storage basin and moved to 324 for repackaging to meet WESF acceptance criteria. All of the systems and procurements have been made to repackage the capsules in the 327 storage basin and plans are to move them to 324 by mid-October 1997.

7. Schedule next meeting

The next meeting was scheduled for October 2, 1997, at 1:30 p.m. in Richland, Washington.

## Attendance List

Date: September 11, 1997, 1:30 pm - 2:30 pm

[illegible]

Attachment 4

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DRAFT REC Closure Plan and 324/327 Deactivation Project Managment Plan (PMP)  
Crosswalk



## ***DRAFT***

### **REC Closure Plan and 324/327 Deactivation Project Management Plan (PMP) Crosswalk**

<b>Closure Unit Boundary</b>	<b>Closure Plan Section</b>	<b>PMP Section/ Work Breakdown Structure</b>	<b>Closure Plan Requirement</b>	<b>Project Management Pan Objective</b>
General	6.2	2.0	<p>Clean closure..... will reduce future Surveillance and Maintenance requirements and will protect human health and the environment by removing or reducing dangerous waste contamination levels that .....</p> <p>After closure, the appearance of the land where the 324 Building is located will be consistent with the appearance and future use of the surrounding land.</p>	<p>The cost objective for this project is to reduce the annual S&amp;M costs for each facility. (Current baseline is \$400,000 for both facilities).</p> <p>The key technical objectives for this project are as follows:</p> <p>Facility configuration will be established such that active systems are not required for safety and environmental confinement.</p> <p>Deactivation will be performed in a way that will result in a redesignation of the 324 and 327 Facilities as radiological facilities in accordance with the criteria and guidelines provided in DOE-STD-1027, <i>Hazard Categorization and Accident Analysis Techniques for Compliance with DOE Order 5480.23, Nuclear Safety Analysis Reports</i>.</p> <p>Closure activities will be completed for the radiochemical engineering cells (REC) and high level vault (HLV) to meet current Tri-Party Agreement (TPA) commitments.</p>
	6.2.1	Attached BOEs	Metal and Concrete - Debris Rule Standard	Each deactivation subproject as appropriate (see below) includes the decontamination and inspection of surface area to meet debris rule standards.
	6.2.2	1K470N01 (HLV) 1K470N03 (LLV)	Remove and Dispose tanks.	Remove and Dispose tanks.



## DRAFT

Closure Unit Boundary	Closure Plan Section	PMP Section/ Work Breakdown Structure	Closure Plan Requirement	Project Management Pan Objective
	6.2.3	1K470N01 (HLV) 1K470N03 (LLV)	Rinse and Drain. Sample and analyze rinsate.	Tanks/piping have been rinsed and drained. Deactivation sub-project will remove and dispose of piping.
	6.2.4	1K47	Inspect surfaces. If intact underlying soils presumed clean. If breached coordinate with CERCLA cleanup project.	All projects within the REC include inspection of surfaces for cracks and contaminant transport pathways.
A-Cell	N/A	1K4Z070A02	N/A	Remove equipment and decontaminate to meet deactivation objectives (Radiological Facility Status).
B-Cell	6.3.1	1K4B0C	Remove mixed wastes and equipment.	Remove mixed wastes and equipment.
		1K4B0J	Inspect Liner for breaches.	Inspect Liner for breaches.
			Decontaminate Liner	Decontaminate Liner
			Apply Debris Rule standards for cleanup	Apply Debris Rule standards for cleanup
			Repeat decontamination to meet debris rule standards.	Repeat decontamination to meet debris rule standards.
				Remove liner to meet deactivation objectives (Radiological Facility Status).
C-Cell	N/A	1K4Z070E01	N/A	Remove equipment and remove liner to meet deactivation objectives (Radiological Facility Status).
D-Cell	6.3.2	1K4Z070G02	Remove all HLV clean out equipment and waste material.	Remove <u>ALL</u> equipment and remove liner to meet deactivation objectives (Radiological Facility Status).
REC Airlock	N/A	1K4Z07	N/A	Remove equipment and decontaminate to meet deactivation objectives (Radiological Facility Status).
Pipe Trench	N/A	1K4Z070L01	N/A	Remove equipment and decontaminate to meet deactivation objectives (Radiological Facility Status).

## **DRAFT**

<b>Closure Unit Boundary</b>	<b>Closure Plan Section</b>	<b>PMP Section/ Work Breakdown Structure</b>	<b>Closure Plan Requirement</b>	<b>Project Management Plan Objective</b>
HLV	6.3.3	1K4Z070N01	Remove tanks, rinse piping, and examine vault liner.	Remove tanks and piping and decontaminate to meet deactivation objectives (Radiological Facility Status).
LLV	6.3.3	1K4Z070N03	Remove tanks, rinse piping, and examine vault liner.	Remove tanks and piping and decontaminate to meet deactivation objectives (Radiological Facility Status). (Note: Currently evaluating use of the LLV tanks for storage and loadout of the decontamination wastes generated during deactivation.)
Truck-lock	N/A	1K4Z110A01	N/A	Equipment removal as required.
Cask Handling Area	N/A	1K4Z110A01	N/A	Equipment removal as required.
Sample Room (Room 145)	6.2.5	K4Z05	Walkthrough/visual examination for areas of contamination. Contamination resulting from waste storage/treatment will require remedial action under closure plan	Equipment removal as required. Cleanup as required to meet PMP objectives.
Engineering Development Lab (EDL Room 146)	6.2.5	K4Z05	Walkthrough/visual examination for areas of contamination. Contamination resulting from waste storage/treatment will require remedial action under closure plan	Equipment removal as required. Cleanup as required to meet PMP objectives.
REC Galleries	6.3.5	1K4Z110E01	Walkthrough/visual examination for areas of contamination. Contamination resulting from waste storage/treatment will require remedial action under closure plan	Equipment removal as required. Cleanup as required to meet PMP objectives.

Attachment 5

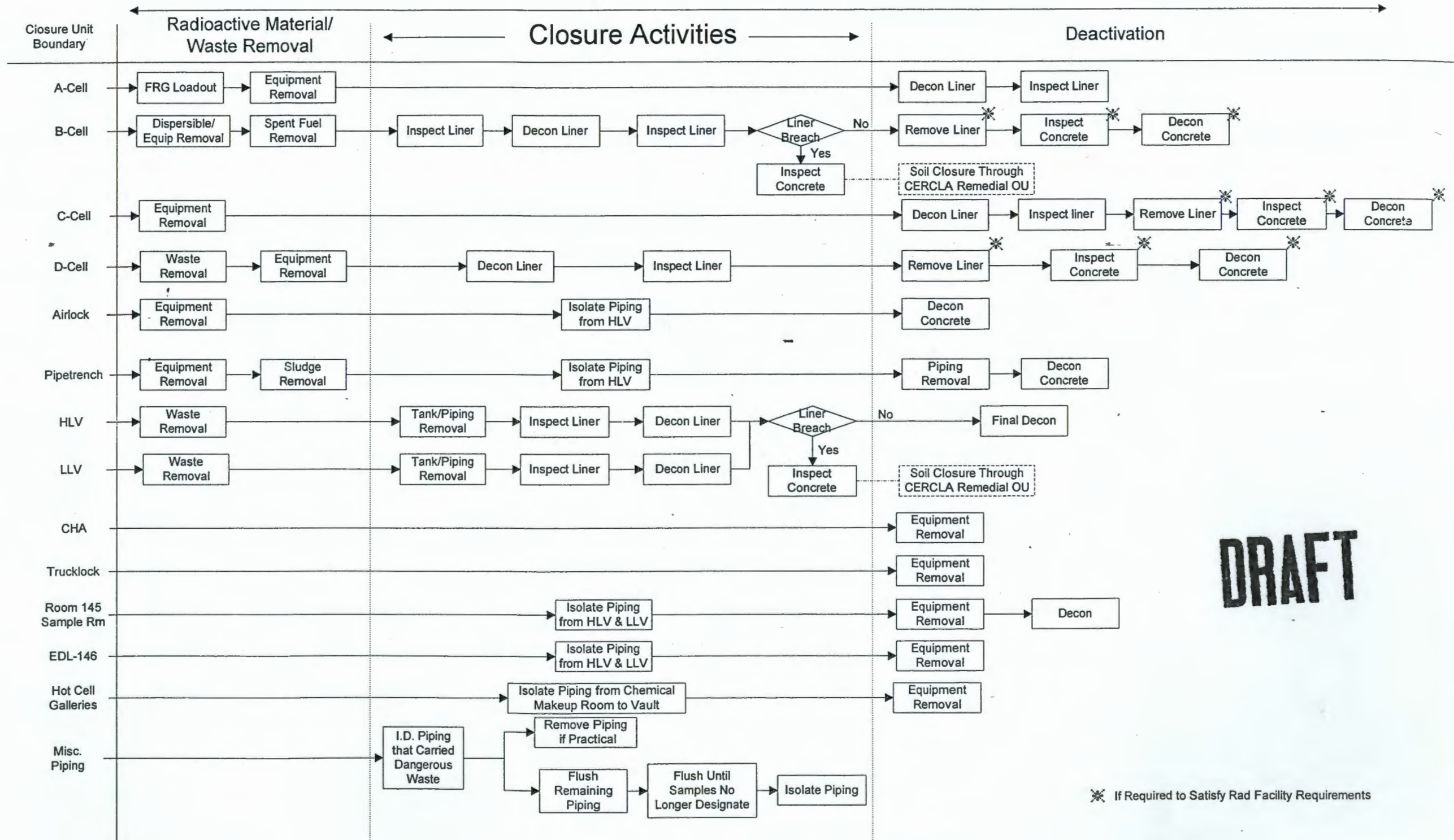
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DRAFT PMP Activities



# PMP Activities



**DRAFT**

Distribution:

R. C. Bowman	WMH	H6-24 *
J. L. Carlson	BWHC	L1-02 *
C. E. Clark	RL	A5-15 *
R. X. Gonzalez	RL	R3-79
G. P. Davis	Ecology	B5-18 *
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D. E. Rasmussen	BWHC	N1-47
L. A. Romine	RL	R3-79 *
J. J. Wallace	Ecology	B5-18
M. S. Wright	BWHC	L1-02 *

ADMINISTRATIVE RECORD (two copies): 324 REC/HLV Closure Plan, S-3-4  
[Care of EDMC, (H6-08)]

Washington State Department of Ecology Nuclear and Mixed Waste Hanford Files,  
PO Box 47600, Olympia, Washington 98504-7600

Please send comments on distribution list to A. L. Prignano (H6-24),  
(509)-376-1057.

\* electronic copy only